



PTO/SB/08A (04-07)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**


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Sheet 1 of 47

Complete if Known

Application Number	09/904,356
Filing Date	July 12, 2001
First Named Inventor	G.P. Allaway et al.
Art Unit	1968
Examiner Name	Jeffery S. Parkin
Attorney Docket Number	43966-CB

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
J		US- 6,258,527	07-10-2001	Littman	
		US- 6,258,782	07-10-2001	Barney et al.	
		US- 6,265,184	07-24-2001	Gary	
		US- 6,268,477	06-31-2002	Gary	
		US- 6,448,375	09-10-2002	Samson	
		US- 6,692,745	02-17-2004	Olson	
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		US- 6,972,126	12-06-2005	Allaway	
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		US- 6,528,625	03-04-2003	L. Wu	
		US- 6,548,636	04-15-2003	T. Dragic	
		US- 7,118,859	10-10-2006	V.M. Litwin et al.	
		US- 7,138,119	11-21-2006	W.C. Olson et al.	
		US- 6,930,174	08-16-2005	M. Samson et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code* *Number * *Kind Code* (if known)	MM-DD-YYYY			
		WO 97/37005	10-27-1997			
		WO 97/28258	08-07-1997			
		WO 97/44462	11-27-1997			
		WO 01/64710	09-07-2001			
		WO 02/068608	09-06-2002			
		WO 02/083172	10-24-2002			

Examiner
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Considered

11/12/2007

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Applicants: G.P. Allaway et al.
Serial No.: 09/904,356
Filed: July, 12, 2001
Exhibit A

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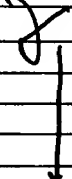
**INFORMATION DISCLOSURE
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Sheet 2 of 47**Complete if Known**

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Art Unit	1968
Examiner Name	Jeffery S. Parkin
Attorney Docket Number	43966-CB

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		US- 7,151,087 B2	12-19-2006	C. Combadiere et al.	
		US- 7,129,055	10-31-2006	D. Littman et al.	
		US- 7,060,273	06-13-2006	W.C. Olson et al.	
		US- 7,122,185	10-17-2006	W.C. Olson et al.	
		US- 6,908,734	06-21-2005	T. Draglic et al.	
		US- 2002-0068813 A1	06-06-2002	T. Draglic et al.	
		US- 2004-0161739	08-19-2004	M. Samson et al.	
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		US- 2003-0003440	01-02-2003	L. Lopalco	
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		WO 02/22077	03-21-2002			
		WO 03/072766	09-04-2003			
		WO 07/014114	02-01-2007			
		WO 97/47318 A	12-18-1997			
		WO 98/18826	05-07-1998			
		WO 02/064612	08-22-2002			

Examiner Signature		Date Considered	11/12/2007
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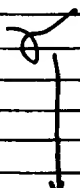
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		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 3 of 47	Attorney Docket Number	43966-CB	

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		Number-Kind Code ² (if known)			
		US- 10/081,128	02-22-2002	W.C. Olson et al.	
		US- 09/212,793	12-16-1998	W.C. Olson et al.	
		US- 08/663,616	06-14-1996	G.P. Allaway	
		US- 08/673,682	06-25-1998	G.P. Allaway	
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		US- 60/018,508	05-28-1996	C. Combadiere et al.	

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		WO 01/55439	08-02-2001			
		WO 01/58915	08-16-2001			
		WO 01/58916	08-16-2001			
		WO 97/22698	06-26-1997			
		WO 97/44055	11-27-1997			
		WO 97/032019	09-04-1997			

Examiner Signature	Date Considered	11/12/2007
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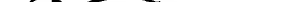
(Use as many sheets as necessary)

Sheet 4 of 47

Application Number	09/904,356
Filing Date	July 12, 2001
First Named Inventor	G.P. Allaway
Art Unit	1648
Examiner Name	Jeffery S. Parkin
Attorney Docket Number	43966-CB

[illegible]

FOREIGN PATENT DOCUMENTS						
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		Country Code* Number * Kind Code* (if known)				
2 ↓		EP 9687002 A1	03-01-1996			
		EP 0883687 A1	10-27-2004			
		EP 9687002 A	08-06-1996			
		EP 1145720 A2	10-17-2001			
		EP 1146085 A2	10-17-2001			
		EP 1146122 A2	10-17-2001			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 47

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Application Number	09/904,356
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J		EP 1148261 A2	10-24-2001			
		EP 1148127 A2	10-24-2001			
		EP 1149582 A2	10-31-2001			
		EP 1199360 A2	04-24-2002			
		EP 1482042 A1	12-01-2004			
		EP 0815137	12-12-1996			

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		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 7	of 47	Attorney Docket Number	43966-CB

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
J		PCT International Search Report issued June 9, 1997 for International Application Publication No. WO 97/26009	
		PCT International Search Report issued July 5, 1997 for International Application Publication No. WO 98/56421	
		PCT International Search Report issued September 3, 1997 for International Application Publication No. WO 97/47319	
		PCT International Search Report issued September 12, 1998 for International Application Publication No. WO 98/56421	
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		PCT International Search Report issued June 7, 2000 for International Application Publication No. WO 00/35409	
		PCT International Search Report issued August 13, 2003 for International Application Publication No. WO 03/072766	
		PCT International Search Report issued April 23, 2002 for International Application Publication No. WO 02/22077	
		PCT International Search Report issued July 31, 2003 for International Application Publication No. WO 02/083172	
		PCT International Preliminary Examination Report issued January 27, 2000 for International Application Publication No. WO 98/56421	

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		Art Unit	1648
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8		PCT International Preliminary Examination Report issued July 10, 1998 for International Application Publication No. WO 97/37005	
		PCT International Preliminary Examination Report issued October 16, 1999 for International Application Publication No. WO 97/47319	
		PCT International Preliminary Examination Report issued September 28, 2005 for International Application Publication No. WO 03/072766	
		PCT International Preliminary Examination Report issued April 5, 2006 for International Application Publication No. WO 03/072766	
		PCT International Preliminary Examination Report issued February 15, 2001 for International Application Publication No. WO 00/35409	
		PCT International Preliminary Examination Report issued December 24, 2003 for International Application Publication No. WO 02/083172	
		PCT Written Opinion issued May 25, 2005 in connection with International Application Publication No. WO 03/072766	
		European Supplementary Partial Search Report issued September 27, 2004 for European Application No. 99966466	
		European Supplementary Partial Search Report issued February 19, 2003 for European Patent Application No. 98931261.6	
✓		European Supplementary Partial Search Report issued August 26, 2004 for European Patent Application No. 97930120.7	

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		Application Number	09/904,356
		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 9	of 47	Attorney Docket Number	43966-CB

NON PATENT LITERATURE DOCUMENTS			
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2		European Supplementary Partial Search Report issued November 8, 2004 for European Patent Application No. 97930120.7	
		European Supplementary Search Report issued April 21, 2006 for European Application No. 03713632.2	
		European Supplementary Search Report issued March 6, 2002 for European Patent Application No. 97917856.3	
		European Supplementary Search Report issued April 27, 2006 for European Patent Application No. 01970984.9	
		April 21, 2006 Supplementary European search report under Article 157(2) (a) in connection with European Application No. 03 713 632.2	
		February 9, 2004 Office action in connection with U.S. Application Serial No. 10/116,797	
		European Patent Office Communication issued November 11, 2004 in connection with European Patent Application No. 97930120.7	
		Genbank Sequence Report, Accession Entry X91492 for H. sapiens Chem13, submitted September 14, 1995	
		Janeway and Travers (1994). Immunobiology, Current Biology Ltd., San Francisco. Pp. 10:27-10:42	
		Stryer (1988). Biochemistry, 3rd edition. Pp. 984-988	

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		December 17, 2003 Third Party Observations in connection with European Application No. 97904948.3	
		February 27, 2004 Third Party Observations in connection with European Application No. 97904948.3	
		Abaza et al. (1992). Effects Of Amino Acid Substitutions Outside An Antigenic Site On Protein Binding To Monoclonal Antibodies Of Predetermi... J. Prot. Chem, 11(5):433- 443	
		Alkhatib, et al. (1996). Abstract At 3rd Conference On Retroviruses	
		Alkhatib, G., et al. (1996). CC CKR5: A RANTES, MIP-1a, MIP-1β Receptor As A Fusion Cofactor For Macrophage-Tropic HIV-1. Science, 272:1955-1958	
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		Allaway, G.P., et al. (1993). Synergistic Inhibition Of HIV-1 Envelope-Mediated Cell Fusion By CD4-Based Molecules In Combination... AIDS Res. Hum. Retroviruses, 9:581-587	
		Allaway, G.P., (1995). Expression And Characterization Of CD4-IgG2, A Novel Heterotetramer That Neutralizes Primary HIV Type 1... Aids Res. Hum. Retrovirus, 11:533-539	
		Amara, A., et al. (1997). HIV Coreceptor Downregulation As Antiviral Principle: SDF-La-Dependent Internalization Of The Chemokine Receptor... J. Exp. Med., 186:139-146	
	Arenzana-Selsdedos, F., et al. (1996). HIV Blocked By Chemokine Antagonist. Nature, 383:400		

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J		Arthos, J., et al. (1989). Identification Of The Residues In Human CD4 Critical For The Binding Of HIV. Cell, 57:469-481	
		Ashom, P.A., et al. (1990). Human Immunodeficiency Virus Envelope Glycoprotein/CD4 Mediated Fusion Of Nonprimate Cells With Human Cells. J. Virol., 64:2149-2156	
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		Berger E.A. (1997). HIV Entry And Tropism: The Chemokine Receptor Connection. AIDS, 11(Suppl.A):S3-S16	
		Berger, et al. (1999). Chemokine Receptors As HIV-1 Coreceptors: Roles In Viral Entry, Tropism And Disease. Ann. Rev. Immunol., 17:657-700	

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		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 12 of 47	Attorney Docket Number	43966-CB	

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2		Bleul, C.C., et al. (1991). The Lymphocyte Chemoattractant SDF-1 Is A Ligand For LESTR/Fusion And Blocks HIV-1 Entry. Nature, 382:829-832	
		Brelot, A., et al. (1997). Role Of The First And Third Extracellular Domains Of CXCR4 In Human Immunodeficiency Virus Coreceptor Activity. J. Virol., 71:4744-4751	
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		Cammack, N. (1999). Human Immunodeficiency Virus Type 1 Entry And Chemokine Receptors: A New Therapeutic Target. Antiviral Chemistry And Chemotherapy, 10:53-62	
		Capon, D.J., et al. (1989). Designing CD4 Immunoadhesions For AIDS Therapy. Nature, 337:525-531	

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
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		Chan, D.C., et al. (1998). Evidence That A Prominent Cavity In The Coiled Coil Of HIV Type 1 Gp41 Is An Attractive Drug Target. Proc. Natl. Acad. Sci., 95:15613-15617	
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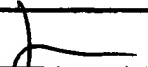
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		Connor, R.I., et al., (1997). Change In Co-Receptor Use Correlates With Disease Progression In HIV-1 Infected Individuals. J. Exp. Med., 185:621-628	
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
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Sheet 16	of 47	Attorney Docket Number	43966-CB

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K		Doranz, B.J., et al. (1996). A Dual-Tropic Primary HIV-1 Isolate That Uses Fusin And Beta-Chemokine Receptors CKR-5, CKR-3 And CKR-2b As Fusion Cofactors. Cell, 85:1149-1158	
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		Dragic, T.V., et al. (1996). HIV-1 Entry Into CD4+Cells Is Mediated By The Chemokine Receptor CC-CKR-5. Nature, 381:667-673	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/904,356
		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 17 of 47	Attorney Docket Number	43966-CB	

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		Farzan, M., et al. (1998). A Tyrosine-Rich Region In The N-Terminus Of CCR5 Is Important For Human Immunodeficiency Virus Type 1 Entry And Mediates...J. Virol., 72:1160-1164	
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		Examiner Name	Jeffery S. Parkin
Sheet 18 of 47	Attorney Docket Number		43966-CB

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J		Furuta, R.A., et al. (1998). Capture Of An Early Fusion-Active Conformation Of HIV-1 gp41. Nature Struct. Biol., 5(4):276-279	
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		First Named Inventor	G.P. Allaway
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		Examiner Name	Jeffery S. Parkin
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		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
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		Jacobson, J.M., et al. (1993). Passive Immunotherapy In The Treatment Of Advanced Human Immunodeficiency Virus Infection. J. Infect. Dis., 168:298-305	
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		Filing Date	July 12, 2001		
		First Named Inventor	G.P. Allaway		
		Art Unit	1648		
		Examiner Name	Jeffery S. Parkin		
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✓		Konishi, K., et al. (2000). Synthesis Of Peptides Mimicking Chemokine Receptor CCR5 And Their Inhibitory Effects Against HIV-1... Chem. Pharm. Bull., Tokyo, 48(2):308-309	
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/904,356
		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 24 of 47	Attorney Docket Number	43966-CB	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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		Art Unit	1648		
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		Raport, C.J., et al. (1996). Molecular Cloning And Functional Characterization Of A Novel Human CC-Chemokine Receptor (CCR5) For RANTES,... J. Biol. Chem., 271:1761-1766	
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

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		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
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		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 27 of 47	Attorney Docket Number	43966-CB	

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		First Named Inventor	G.P. Allaway
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✓		Trkola, A., et al. (1996). CD-4 Dependent, Antibody Sensitive Interactions Between HIV-1 And Its Co-Receptor CCR-5. Nature, 384:184-187	
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✓		Zhang, Y.J., et al. (1994). Structure / Activity Analysis Of Human Monocyte Chemoattractant Protein-1 (MCP-1) By Mutagenesis. J. Biol. Chem., 269:15918-15924	
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		September 11, 2006 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 96 921 473.3	
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		February 24, 2005 Decision to Refuse a European Patent Application in connection with European Application No. 96 921 473.3	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	09/904,356		
		Filing Date	July 12, 2001		
		First Named Inventor	G.P. Allaway		
		Art Unit	1648		
		Examiner Name	Jeffery S. Parkin		
Sheet	31	of	47	Attorney Docket Number	43966-CB

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		August 30, 2004 Summons to Oral Proceedings Pursuant to Rule 71(1) EPC in connection with European Application No. 96 921 473.3	
		December 19, 2002 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 96 921 473.3	
		July 6, 2001 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 96 921 473.3	
		December 20, 1999 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 08/973,601	
		August 3, 1999 Advisory Action in connection with U.S. Application Serial No. 08/973,601	
		March 25, 1999 Office Action in connection with U.S. Application Serial No. 08/973,601	
		June 24, 1998 Office Action in connection with U.S. Application Serial No. 08/973,601	
		January 11, 2005 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 09/412,284	
		December 2, 2003 Final Office Action in connection with U.S. Application Serial No. 09/412,284	
		February 3, 2003 Office Action in connection with U.S. Application Serial No. 09/412,284	

Examiner Signature		Date Considered	6/12/2007
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		Application Number	09/904,356
		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 32	of 47	Attorney Docket Number	43966-CB

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
J		April 8, 2002 Advisory Action in connection with U.S. Application Serial No. 09/412,284	
		September 11, 2001 Final Office Action in connection with U.S. Application Serial No. 09/412,284	
		December 19, 2000 Office Action in connection with U.S. Application Serial No. 09/412,284	
		April 18, 2007 Office Action in connection with U.S. Application Serial No. 11/258,963	
		December 26, 2006 Office Action in connection with U.S. Application Serial No. 11/258,963	
		February 8, 2007 Office Action in connection with U.S. Application Serial No. 09/904,356	
		May 2, 2006 Final Office Action in connection with U.S. Application Serial No. 09/904,356	
		October 12, 2005 Office Action in connection with U.S. Application Serial No. 09/904,356	
		July 29, 2005 Advisory Action in connection with U.S. Application Serial No. 09/904,356	
P		November 17, 2004 Final Office Action in connection with U.S. Application Serial No. 09/904,356	

Examiner Signature		Date Considered	4/12/2007
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		Examiner Name	Jeffery S. Parkin
Sheet 33	of 47	Attorney Docket Number	43966-CB

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J		July 1, 2003 Office Action in connection with U.S. Application Serial No. 09/904,356	
		September 29, 2003 Advisory Action in connection with U.S. Application Serial No. 09/118,415	
		January 28, 2003 Final Office Action in connection with U.S. Application Serial No. 09/118,415	
		April 9, 2002 Office Action in connection with U.S. Application Serial No. 09/118,415	
		August 14, 2001 Advisory Action in connection with U.S. Application Serial No. 09/118,415	
		November 24, 2000 Final Office Action in connection with U.S. Application Serial No. 09/118,415	
		February 11, 2000 Office Action in connection with U.S. Application Serial No. 09/118,415	
		August 3, 2006 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 09/891,062	
		July 17, 2006 Notice of Allowability in connection with U.S. Application Serial No. 09/891,062	
		May 18, 2006 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 09/891,062	

Examiner Signature		Date Considered	11/12/2001
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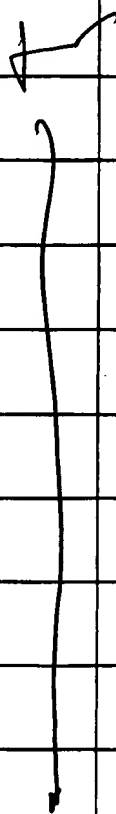
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		Application Number	09/904,356		
		Filing Date	July 12, 2001		
		First Named Inventor	G.P. Allaway		
		Art Unit	1648		
		Examiner Name	Jeffery S. Parkin		
Sheet	34	of	47	Attorney Docket Number	43966-CB

NON PATENT LITERATURE DOCUMENTS			
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		August 8, 2005 Office Action in connection with U.S. Application Serial No. 09/891,062	
		March 21, 2005 Office Action in connection with U.S. Application Serial No. 09/891,062	
		May 28, 2004 Advisory Action in connection with U.S. Application Serial No. 09/891,062	
		September 24, 2003 Final Office Action in connection with U.S. Application Serial No. 09/891,062	
		December 18, 2002 Office Action in connection with U.S. Application Serial No. 09/891,062	
		April 30, 2007 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 11/544,346	
		March 3, 1997 Office Action in connection with U.S. Application Serial No. 08/627,684	
		June 23, 1997 Office Action in connection with U.S. Application Serial No. 08/663,616	
		March 13, 1997 Office Action in connection with U.S. Application Serial No. 08/673,682	
		November 28, 2000 Notice of Acceptance in connection with Australian Application No. 26074/97	

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		Art Unit	1648		
		Examiner Name	Jeffery S. Parkin		
Sheet	35	of	47	Attorney Docket Number	43966-CB

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		July 13, 1999 Examiner's First Report in connection with Australian Application No. 26074/97	
		October 23, 2006 Official Action in connection with Canadian Application No. 2,250,829	
		May 27, 2005 Official Action in connection with Canadian Application No. 2,250,829	
		May 4, 2007 Summons to Attend Oral Proceedings Pursuant to Rule 71(1) EPC in connection with European Application No. 97917856.3	
		January 27, 2006 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 97917856.3	
		October 21, 2005 Communication Pursuant to Article 115(2) EPC in connection with European Application No. 97917856.3	
		April 1, 2005 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 97917856.3	
		August 5, 2004 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 97917856.3	
		January 27, 2004 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 97917856.3	
		May 9, 2003 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 97917856.3	

Examiner Signature		Date Considered	h/12/2007
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		First Named Inventor	G.P. Allaway		
		Art Unit	1648		
		Examiner Name	Jeffery S. Parkin		
Sheet	36	of	47	Attorney Docket Number	43966-CB

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		March 6, 2002 Search Report Communication in connection with European Application No. 97917856.3	
		February 27, 2007 Notification of Reasons for Rejection in connection with Japanese Application No. 535610/97	
		May 19, 2006 Examiner's First Report in connection with Australian Application No. 2004233505	
		July 26, 2004 Notice of Acceptance in connection with Australian Application No. 35106/01	
		July 5, 2004 Examiner's Second Report in connection with Australian Application No. 35106/01	
		November 1, 2002 Examiner's First Report in connection with Australian Application No. 35106/01	
		December 4, 2001 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 08/831,823	
		January 16, 2001 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 08/831,823	
		September 26, 2000 Advisory Action in connection with U.S. Application Serial No. 08/831,823	
		April 11, 2000 Final Office Action in connection with U.S. Application Serial No. 08/831,823	

Examiner Signature		Date Considered	7/12/2007
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		Filing Date	July 12, 2001		
		First Named Inventor	G.P. Allaway		
		Art Unit	1648		
		Examiner Name	Jeffery S. Parkin		
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		July 21, 1999 Final Office Action in connection with U.S. Application Serial No. 08/831,823	
		December 21, 1998 Office Action in connection with U.S. Application Serial No. 08/831,823	
		August 17, 1998 Office Action in connection with U.S. Application Serial No. 08/831,823	
		June 15, 2006 Final Office Action in connection with U.S. Application Serial No. 09/888,938	
		September 7, 2005 Office Action in connection with U.S. Application Serial No. 09/888,938	
		September 7, 2005 Office action in connection with U.S. Application Serial No. 09/888,938	
		August 4, 2004 Office Action in connection with U.S. Application Serial No. 09/888,938	
		May 5, 2004 Office Action in connection with U.S. Application Serial No. 09/888,938	
		June 22, 1999 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 08/876,078	
	December 21, 1998 Final Office Action in connection with U.S. Application Serial No. 08/876,078		

Examiner Signature		Date Considered	1/12/2007
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		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 38	of 47	Attorney Docket Number	43966-CB

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		March 23, 1998 Office Action in connection with U.S. Application Serial No. 08/876,078	
		June 16, 2006 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 98 931 261.6	
		June 17, 2005 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 98 931 261.6	
		October 17, 2006 Final Office Action in connection with U.S. Application Serial No. 09/460,216	
		February 3, 2006 Office Action in connection with U.S. Application Serial No. 09/460,216	
		July 29, 2005 Advisory Action in connection with U.S. Application Serial No. 09/460,216	
		February 09, 2005 Final Office Action in connection with U.S. Application Serial No. 09/460,216	
		September 26, 2003 Advisory Action in connection with U.S. Application Serial No. 09/460,216	
		February 27, 2003 Final Office Action in connection with U.S. Application Serial No. 09/460,216	
		October 2, 2001 Office Action in connection with U.S. Application Serial No. 09/460,216	

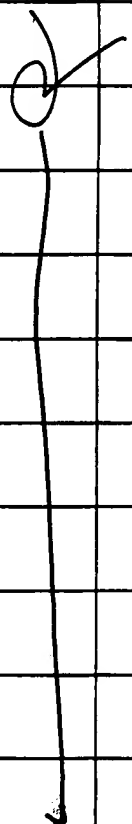
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		Examiner Name	Jeffery S. Parkin		
Sheet	39	of	47	Attorney Docket Number	43966-CB

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Examiner Signature		Date Considered	11/12/2007
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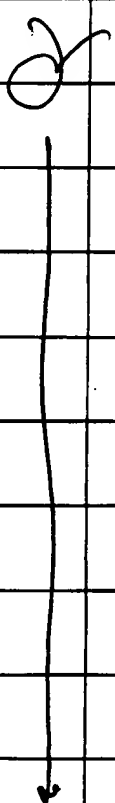
*EXAMINER: Initial preference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/904,356
		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Attorney Docket Number	43966-CB		
Sheet	40	of	47

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		September 23, 2004 Office Action in connection with U.S. Application Serial No. 09/724,105	
		May 19, 2004 Office Action in connection with U.S. Application Serial No. 09/724,105	
		December 19, 2006 Office Action in connection with U.S. Application Serial No. 11/400,497	
		August 8, 2006 Office Action in connection with U.S. Application Serial No. 11/400,497	
		May 29, 2001 Notice of Acceptance in connection with Australian Application No. 34026/97	
		September 28, 1999 Examiner's First Report in connection with Australian Application No. 34026/97	
		November 10, 2006 Official Action in connection with Canadian Application No. 2,257,991	
		May 23, 2005 Communications Pursuant to Article 96(2) EPC in connection with European Application No. 97 930 120.7	
		November 17, 2004 Communication of partial European search report under Rule 45 EPC in connection with European Application No. 97 930 120.7	
		September 9, 2004 Communication of partial European search report under Rule 46(1) EPC in connection with European Application No. 97 930 120.7	

Examiner Signature		Date Considered	11/12/2007
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		Application Number	09/904,356
		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 41	of 47	Attorney Docket Number	43966-CB

NON PATENT LITERATURE DOCUMENTS			
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J		October 17, 2006 Notification of Reasons for Rejection in connection with Japanese Application No. 501895/98 (English translation)	
		April 5, 2004 Notice of Acceptance in connection with Australian Application No. 21996/00	
		February 5, 2003 Examiner's First Report in connection with Australian Application No. 21996/00	
		March 29, 2006 Examiner's First Report in connection with Australian Application No. 20004205164	
		March 29, 2006 Examiner's First Report in connection with Australian Application No. 20004205165	
		March 1, 2006 Communication under Rule 51(4) EPC in connection with European Application No. 99 966 466.7	
		January 10, 2005 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 99 966 466.7	
		October 14, 2004 Communication Pursuant to Article 96(1) and Rule 51(1) EPC in connection with European Application No. 99 966 466.7	
		January 18, 2007 Office communication in connection with Mexican Application No. 1006097	
QV		October 13, 2005 Office communication in connection with Mexican Application No. 1006097	

Examiner Signature	Date Considered
	11/12/2007

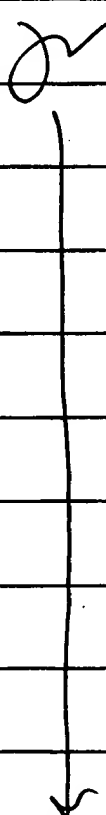
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Substitute for form 1448/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/904,356
		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 42	of 47	Attorney Docket Number	43966-CB

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		February 6, 2007 Notice of Allowability in connection with U.S. Application Serial No. 09/464,902	
		January 8, 2007 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 09/464,902	
		April 19, 2006 Office Action in connection with U.S. Application Serial No. 09/464,902	
		October 21, 2005 Office Action in connection with U.S. Application Serial No. 09/464,902	
		June 15, 2005 Advisory Action in connection with U.S. Application Serial No. 09/464,902	
		January 13, 2005 Final Office Action in connection with U.S. Application Serial No. 09/464,902	
		April 2, 2004 Office Action in connection with U.S. Application Serial No. 09/464,902	
		October 21, 2003 Office Action in connection with U.S. Application Serial No. 09/464,902	
		September 25, 2001 Office Action in connection with U.S. Application Serial No. 09/464,902	
		August 7, 2006 Office Action in connection with U.S. Application Serial No. 09/594,983	

Examiner Signature		Date Considered	11/12/2007
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet 43 of 47

Application Number	09/904,356
Filing Date	July 12, 2001
First Named Inventor	G.P. Allaway
Art Unit	1648
Examiner Name	Jeffery S. Parkin
Attorney Docket Number	43966-CB

NON PATENT LITERATURE DOCUMENTS

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		March 24, 2006 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 09/594,983	
		July 11, 2005 Final Office Action in connection with U.S. Application Serial No. 09/594,983	
		August 25, 2004 Office Action in connection with U.S. Application Serial No. 09/594,983	
		September 23, 2003 Notice of Allowability in connection with U.S. Application Serial No. 09/594,983	
		December 3, 2002 Final Office Action in connection with U.S. Application Serial No. 09/594,983	
		March 13, 2002 Office Action in connection with U.S. Application Serial No. 09/594,983	
		September 28, 2001 Office Action in connection with U.S. Application Serial No. 09/594,983	
		December 19, 2006 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 10/763,545	
		July 26, 2006 Office Action in connection with U.S. Application Serial No. 10/763,545	
		June 13, 2006 Office Action in connection with U.S. Application Serial No. 10/763,545	

Examiner
SignatureDate
Considered

11/12/2007

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/904,356
Filing Date	July 12, 2001
First Named Inventor	G.P. Allaway
Art Unit	1648
Examiner Name	Jeffery S. Parkin
Attorney Docket Number	43966-CB

Sheet 44

of 47

NON PATENT LITERATURE DOCUMENTS

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J		February 16, 2006 Office Action in connection with U.S. Application Serial No. 10/763,545	
		September 5, 2006 Communication in connection with U.S. Application Serial No. 10/371,483	
		August 21, 2006 Communication in connection with U.S. Application Serial No. 10/371,483	
		May 16, 2006 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 10/371,483	
		October 24, 2006 Office Action in connection with U.S. Application Serial No. 10/371,483	
		January 29, 2007 Examiner's First Report in connection Australian Application No. 2003217674	
		February 22, 2007 Communication Pursuant to Article 96(2) EPC in connection with European Application No. 03 713 632.2	
		October 12, 2004 Communication Pursuant to Rules 109 and 110 EPC in connection with European Application No. 03 713 632.2	
		March 14, 2006 Examination Report in connection with New Zealand Application No. 534947	
✓		February 21, 2003 Official Action in connection with Russian Federation Application No. 2004128252/13(030609) (English Translation)	

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	11/12/2007

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/904,356
		Filing Date	July 12, 2001
		First Named Inventor	G.P. Allaway
		Art Unit	1648
		Examiner Name	Jeffery S. Parkin
Sheet 45	of 47	Attorney Docket Number	43966-CB

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✓		September 29, 2006 Grant of Patent in connection with Singaporean Application No. 200404610-8	
		August 7, 2002 Office Action in connection with U.S. Application Serial No. 09/663,219	
		January 5, 2006 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 09/912,824	
		January 26, 2005 Final Office Action in connection with U.S. Application Serial No. 09/912,824	
		April 20, 2004 Office Action in connection with U.S. Application Serial No. 09/912,824	
		July 2, 2003 Office Action in connection with U.S. Application Serial No. 09/912,824	
		July 3, 2006 Notice of Acceptance in connection with Australian Application No. 2001290925	
		June 28, 2005 Examiner's First Report in connection with Australian Application No. 2001290925	
		May 24, 2006 Supplementary European search report under Article 157(2)(a) EPC in connection with European Application No. 01970984.9	
✓		February 28, 2005 Formalities Examination in connection with European Application No. 01970984.9	

Examiner Signature	Date Considered	11/12/2007
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**INFORMATION DISCLOSURE
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
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Complete if Known

Application Number	09/904,356
Filing Date	July 12, 2001
First Named Inventor	G.P. Allaway
Art Unit	1648
Examiner Name	Jeffery S. Parkin
Attorney Docket Number	43966-CB

Sheet 46 of 47

NON PATENT LITERATURE DOCUMENTS

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		May 2, 2003 Communication Pursuant to Rules 109 and 110 EPC in connection with European Application No. 01970984.9	
		October 25, 2005 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 09/828,615	
		September 13, 2005 Office Action in connection with U.S. Application Serial No. 09/828,615	
		March 2, 2005 Office Action in connection with U.S. Application Serial No. 09/828,615	
		September 17, 2004 Final Office Action in connection with U.S. Application Serial No. 09/828,615	
		February 23, 2004 Office Action in connection with U.S. Application Serial No. 09/828,615	
		September 9, 2003 Advisory Action in connection with U.S. Application Serial No. 09/828,615	
		February 21, 2003 Final Office Action in connection with U.S. Application Serial No. 09/828,615	
		June 25, 2002 Office Action in connection with U.S. Application Serial No. 09/828,615	
		June 9, 2005 Notice of Allowance and Allowability in connection with U.S. Application Serial No. 10/116,797	

Examiner Signature	Date Considered	11/12/2007
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STATEMENT BY APPLICANT**


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Filing Date	July 12, 2001
First Named Inventor	G.P. Allaway
Art Unit	1648
Examiner Name	Jeffery S. Parkin
Attorney Docket Number	43966-CB

Sheet 47 of 47

NON PATENT LITERATURE DOCUMENTS

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		April 25, 2005 Final Office Action in connection with U.S. Application Serial No. 10/116,797	
		October 6, 2004 Office Action in connection with U.S. Application Serial No. 10/116,	
		September 7, 2005 Office Action in connection with U.S. Application Serial No. 09/888,938	
		Bieniasz, P.D., et al. (1997). HIV-1 Induced Cell Fusion Is Mediated By Multiple Regions Within Both The Viral Envelope And The CCR5 Co-Receptor. EMBO, 16:2599-2609	
		Blanpain, C., et al. (1999). Multiple Charged And Aromatic Residues In CCR5... In High Affinity Binding Of Both Chemokines And HIV-1.... J. Biol. Chem., 274:34719-34727	
		February 15, 1996 Advisory Action in connection with U.S. Application Serial No. 08/169,311	
		September 13, 1995 Final Office Action in connection with U.S. Application Serial No. 08/169,311	
		November 23, 1994 Office Action in connection with U.S. Application Serial No. 08/169,311	
		August 18, 1994 Office Action in connection with U.S. Application Serial No. 08/169,311	

Examiner Signature		Date Considered	11/12/2007
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